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Dec. 1978



MONTANA DEPARTMENT OF HEALTH
AND ENVIRONMENTAL SCIENCES

Monthly Activities Report
of the Air Quality Bureau

STATE DOCUMENTS COLLECTION

FEB 13 1979

December, 1978

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Helena, Montana 59601

1. Highlights:

The Board of Health held a meeting on December 18 at which time the State Implementation Plan and several rules were heard and adopted.

2. Ambient Air Quality Network

a. Standards Exceeded:

SO ₂ near Anaconda	Highway Junction	Mill Creek	Lincoln School
More than 0.25 ppm	65	32	18
Highest 24-hour	0.64ppm	0.28ppm	0.41ppm
Highest 1-hour	1.85ppm	1.50ppm	0.93ppm

HI-vol standards exceeded:

City	Station	Date	.50 ug/m ³ st. std.
Butte	Dr. Canty	12/13	169
Butte	Greely	12/16	179
Butte	Hebgen Park	12/16	155
Butte	Hebgen Park	12/27	152

b. Air Stagnation Advisories - None in December

c. Laboratory Status

Total Determinations for Month	719
Total Samples for Month	292

3. Permits and Tax Credits:

a. Construction Permits - Applied for:

Stauffer Chemical Co., Silver Bow Plant, slag granulation system
Earth Builders, Valley Co., gravel crusher
Earth Builders, Valley Co., asphalt batch plant
Jim Gilman Excavating, Anaconda, portable gravel crusher
ASARCO, Troy, crushers and baghouse

Approved in December:

Baltrusch Construction, Beaverhead Co., asphalt batch plant
Anaconda Reduction Department, Anaconda, alter baghouse

3. Permits and Tax Credits, cont.

- b. Operating Permits - None
- c. Tax Credits: None

4. Variance Status:

- a. Current:

Anaconda Company, SO₂ variance, approved in November.
ASARCO, one year variance granted through June 30, 1979.

- b. New - None

5. Enforcement Actions

- a. Citation:

Brand S Lumber, Livingston, MT, 781208-BR-1, tepee burner in violation of sections (2)(a)(ii) and (ii)(a) of rule 16-2.14(1)-S14030 (Wood Waste Burners)

- b. Notice of Violations

Brand S Lumber, Livingston, MT, N781208-BR-1, Tepee burner in violation of sections (2)(a)(ii) and (4)(a) of rule 16-2.14(1)-S14030 (Wood Waste Burners) and 078106-BR-1.

- c. Order for Corrective Actions

Brand S Lumber, Livingston, MT 0781208-BR-1. Brand S ordered to shut down burner by January 30, 1979.

6. Tepee Burner and Open Burning

Tepee Burner: Number in operation 41

Open Burning Permits Issued:

Kalispell Office	12	Sanders County	4
Cascade County	2	Yellowstone County	3
Lake County	11	Rest of State	72
Missoula County	5	Total	109

7. Source Tests Performed:

- A. Agency Source Tests: - None
- b. Non-Agency Source Tests: Montana Power Company submitted certification source tests for SO₂, NO_x and opacity for review.

8. Field Investigations:

ASARCO, East Helena, auditing ambient air monitors
Brand S Lumber, Livingston, investigation, citation issued
Genex, Laurel, with EPA Inspectors
Exxon, Billings, with EPA inspectors
Conoco, Billings, with EPA inspectors

9. Complaints:

Brand S Lumber, Livingston, burning, smoke, inspection and investigation
(5 complaints)
Individual, Kalispell, open burning, warning letter sent

10. Data Processing Services:

- a. Ambient Data Summary - None for November; computer program being changed
- b. Emission Inventory Status: No updates received
- c. Prevention of Significant Deterioration - none
- d. Modeling - none

11. Environmental Impact Statements

Work proceeded on the Ambient Air Quality Standards EIS which is due out sometime in December.

12. Status of Studies, Contracts and Reports:

Poplar River Study, operating well. Budget for RY 80 prepared.
Flathead Study, operating well. Budget for FY 80 were prepared.
MAPS - meteorology studies operating well.
- Interim Report being written.

13. Schools and Training:

None attended in December

14. Public Hearings and Meetings:

- a. Public Hearings Held:

Board of Health meeting held December 18, at which time proposed rules and SIP were heard.

- b. Meetings attended:

Met with industry representatives regarding rules
National Weather Service, Great Falls
U.S. Forest Service, Missoula
Flathead Study Steering Committee, budget proposal
EPA, Billings, oil refineries

14. c. Intra-staff meetings

AQB staff meetings

15. Public Information Requests:

Rules and regs 15

CAA 2

Radio interview - causes of inversion in Billings

TV interview - causes of inversion in Billings

Newspaper interview - telephone conversation

